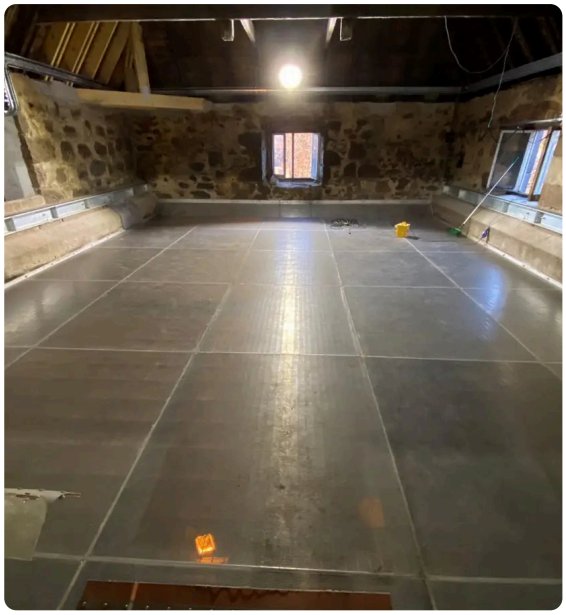
FABRICATED ON WEDGE WIRE

Flooring panels

At SIMO Screens, we make wedge wire flooring and walkway panels for platforms and drying floors, with a dimpled anti-skid option.

Welded panels carry the traffic and drain freely, and the dimpled option keeps the surface safe when wet.

SURFACE	CONSTRUCTION	MATERIAL
Dimpled anti-skid option	**Load-rated support rods**	**SS 304 or SS 316L**



V-PROFILED WIRE

Resists clogging. Carries the pressure. Opens more area.

The wire meets a particle at two points and the slot widens behind the face, so what passes cannot lodge.

WELDED AT EVERY JUNCTION

Holds its slot under load.

Each wire is resistance welded to every support rod, so the screen resists pressure transients up to 300 PSI and thermal cycling without stretching or tearing.

BUILT TO YOUR EQUIPMENT

Fits at the first shutdown.

Made to your drawing, sample or vessel, in the alloy the medium calls for, so it drops into the equipment already in place.

FEATURES AND BENEFITS

Drainage and air flow

Continuous slots give a high open area for the slot width.

Retention of fine material

On drying and malt floors, a narrow slot holds grain while air flows through.

Smooth, cleanable face

The flat face allows product to be turned, raked and swept without snagging, and there are no woven crossings to hold residue.

Anti-skid option

A dimpled anti-skid finish is available for walkway panels in wet or oily areas.

USED IN

BREWING, MALTING AND BEVERAGES · FOOD PROCESSING · BUILDINGS AND DRAINAGE

WHY WEDGE WIRE

Non-clogging geometry

The V-profiled wire meets an oversize particle at two points, and the slot widens inward, so what passes the face cannot lodge behind it.

One rigid structure

Resistance welds at every wire and rod intersection resist thermal cycling and pressure transients up to 300 PSI.

More open area

Continuous slots give more open area than mesh or perforated plate at the same aperture, for capacity with low pressure drop.

SPECIFICATION

Ranges and options

Slot	Narrow slots for grain and heels; about 0.7 mm upward for kiln and germination floors; wider for drainage and air flow
Profile wire	Standard to heavy duty, such as 35SB, 42SB, 55SB or 56SB
Support rod	Flat rods F123, F203 or F253, selected for span and load
Wire direction	Across the direction of travel for walkways
Panel size	Single panels up to 2,400 mm wide and 4,000 mm long; larger floors as joined panels
Material	SS 304 or SS 316L
Frame	Banded edges or perimeter frames, with kick plates where needed
Surface	Standard flat wire face, or dimpled anti-skid finish
Fixings	Clamps or bolted fixings to the support structure, supplied with the panels

QUALITY

ISO 9001:2015
Quality system covering design, production and inspection.

Slot control
Feeler gauges through the run; optical measurement where a gauge cannot be used.

Final inspection
Report records minimum, maximum and mean slot against tolerance.

Traceability
QR-coded tag (laser marking where required); heat numbers traced to the MTC.

OFTEN SUPPLIED WITH

- Flat panels and false bottoms
- Support grids
- Drainage grates
- Architectural panels

HOW WE ENGINEER YOUR SCREEN

01 **Share the requirement**
Drawing, sample or process data

02 **Engineering review**
Slot, profile, rod, material and flow

03 **CFD and FEA**
Pressure drop and strength, where required

04 **Drawing approval**
GA drawing and datasheet approved

05 **Manufacture**
Resistance welded and fully inspected

06 **Dispatch**
Mill Test Certificate with every product

FOR A QUOTATION, SEND OUR ENGINEERS

01 Application: walkway, mezzanine, drying floor or malt floor

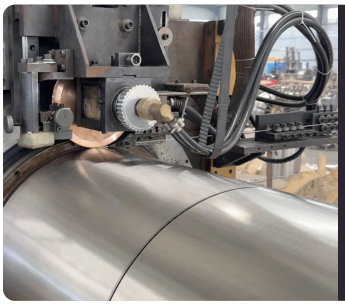
02 Floor area and a layout drawing with beam positions and spacing

03 Design loads, uniform and point, and any deflection limit

04 Traffic type: foot, trolleys or machinery

05 For drying and malt floors, the product held and its smallest size

06 Required slot, if specified, wire direction and surface finish



Send your flooring panels specification

sales@simoscreens.com · +91 93730 08466 (phone and WhatsApp)

Scan to open the specification form. Our engineers will connect with you within a working day.